

Title: Experiment of segment mirrors initial capture, coarse alignment and coarse phasing on WCT-2

Authors: F. Shi, A. Lowman, S. Basinger, and D. Redding (JPL)  
C. Bowers, L. Burns, T. Norton, and P. Petrone (GSFC)

Abstract:

WCT-2 is a testbed designed to test the wavefront sensing and control (WFS/C) technology developed for Next Generation Space Telescope (NGST). WFS/C algorithms for segment mirror initial capture, coarse alignment, and coarse phasing have been successfully demonstrated on the WCT-2. This presentation will summarize the experimental results and discuss the future development.